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PLANTS PRODUCE NEW ELECTRIC GENERATOR AND
WIND-DRIVEN GENERATOR FOR RURAL AREAS

SCIENTISTS HELP PLANT BUILD NEW MACHINE -- Yerevan, Kommunist, 27 Mar 51

In 1947, the Academy of Sciences Armenian SSR and the Ministry of Local Industry began collaboration with the Yerevan Machine-Building Plant on the production of a new type of generator, developed according to the specifications of Engineer S. Tamantsev.

This new generator, designed chiefly for supplying power at rural electric power stations, is simple and effective, featuring accurate automatic current stabilization, so that a continuous current may be maintained in the circuit under an alternating load. This is of great importance to agricultural enterprises, since in the absence of automatically controlled current, sharp and considerable fluctuations of the current may occur when a generator is turned on or off, causing overloading of the electric lights, radio sets, and household appliances.

After prolonged and intense work under L. Oganessian, former director of the Yerevan Machine-Building Plant, and A. Regentov, director of the Technical Division of the Ministry of Local Industry, some experimental models were built, and the new generator was put into series production. Thousands of generators, built at the plant, are now in operation at kolkhozes and sovkhoses throughout the country.

In the development of the generator, many new elements went into the design of the rectifier and automatic control device.

A group of workers of the plant were awarded the Stalin Prize for their efforts. -- A. Iosifyan, Vice President, Academy of Sciences Armenian SSR

ABSENCE OF PLANS HOLDS UP PRODUCTION -- Alma-Ata, Kazakhstanskaya Pravda, 21 Apr 51

The Semipalatinsk Machinery Plant of the Ministry of Local Industry was recently called upon to produce wind-driven pumps and generators for use at kolkhozes and stock farms.

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At the first of the year, Tin, the director of the Technical Division of the ministry, presented the plant with some rough drawings of the machines, and ordered the plant to begin making castings for a part of the reduction unit, so as not to lose them. He said that the final plans would be sent to the plant later on.

However, 3 months have gone by since the plant started casting these parts, and it cannot machine them to their final dimensions without the definitive plans. These plans are not forthcoming, and the machines, which are so vital to the stock farms, are not being built. -- Letter to the editor from two machinists, a molder, and a mechanic at the Semipalatinsk Machinery Plant

FURNISH POWER FOR RADIOS -- Tallin, Sovetskaya Estoniya, 31 Mar 51

The Tallin Il'marin Plant has begun production of a wind-driven generator designed to supply power for radios at those kolkhozes which have not yet been furnished with power lines.

A centrifugal governor maintains a constant propellor speed, turning it gradually away from the wind as its force increases.

The inventor of the generator, A. Naber, is working on a more powerful model, which will be capable of generating power for lighting kolkhoz houses.

MOTORS RUN WELL ON TESTS -- Yerevan, Kommunist, 30 Mar 51

The Yerevan Electrical Repair Plant recently began production of one-kilowatt electric motors. The first 30 of these motors have performed well on plant tests. The foundry is doing a satisfactory job of casting the parts for the new machines, and is improving the quality of its work from day to day.

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